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Date of Deposit January 14, 2002

I hereby certify that this paper is being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX PATENT APPLICATION, Commissioner for Patents; Washington, D.C. 20231.

Jason Berry
Jason Berry



COMMISSIONER FOR PATENTS
Washington, D.C. 20231

ATTN: BOX PATENT APPLICATION

Sir:

Transmitted herewith for filing is the new utility patent application of:

APPLICANTS: Gregory Cope; Rati Verma; L. Aravind; Eugene v. Koonin; and Raymond Deshaies

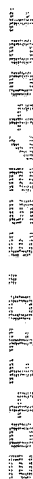
FOR: REGULATION OF TARGET PROTEIN ACTIVITY THROUGH MODIFIER PROTEINS

Enclosed are the following papers, including all those required to receive a filing date under 37 CFR § 1.53(b):

	<u>Number of Pages</u>
Specification	23
Claims	8
Abstract	1
Declaration (unexecuted)	4
Drawings (Informal)	4
Sequence Listing	15

Enclosures:

- Patent Data Sheet (3 pgs.);



- Check in the amount of \$997.00;
- Statement Under 37 CFR §§1.821(f) and (g) (1 pg.) and Diskette;
- Verified Statement Under 37 CFR 1.82(f) (1 pg.);
- Postcard; and
- Check of \$997.00.

This application claims priority under 35 U.S.C. § 119 to U.S. Provisional Application Serial No. 60/261,314, filed January 12, 2001, U.S. Provisional Application Serial No. 60/322,322, filed September 14, 2001, U.S. Provisional Application Serial No. 60/322,030, filed September 14, 2001 the contents of which is incorporated by reference in its entirety herein.

The filing fee is calculated as follows. Small Entity status is claimed.

(1) For	(2) Number filed	(3) Number extra	(4) Large Entity Rate	(5) Small Entity Rate	(6) Calculations
Basic Filing Fee	XX	XX	\$	\$	\$ 370.00
Total Claims	71 - 20 =	51	X \$ 18.00	X \$ 9.00	\$ 459.00
Independent Claims	7 - 3 =	4	X \$ 84.00	X \$ 42.00	\$ 168.00
Multiple Dependent Claim(s) (if applicable)			\$ 260.00	\$130.00	\$ 0.00
			Total of above Calculations =		\$ 997.00

A check in the amount of \$997.00 for the filing fee is enclosed. If any other fee is required by the filing of this paper, please charge deposit account number 50-1355, referencing the attorney docket number.

If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

All future correspondence should be addressed to:

Lisa A. Haile, Ph.D.

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Gray Cary Ware & Freidenrich LLP
CIT1510-4
Box PATENT APPLICATION
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Page 3

A copy of this letter is enclosed. Kindly acknowledge receipt of this application by returning the enclosed postcard.

Respectfully submitted,

Gray Cary Ware & Freidenrich LLP



Lisa A. Haile, Ph.D.

Registration No. 38,347

1/14/02
Date

Enclosures

LAH/sls

2004 FEB 10 10 52 AM '04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Cope *et al.* Art Unit: Unassigned
Application No.: To be assigned Examiner: Unassigned
Filed: Herewith
Title: REGUALTION OF TARGET PROTEIN ACTIVITY THROUGH
MODIFIER PROTEINS

Commissioner for Patents
Washington, D.C. 20231

STATEMENT UNDER 37 C.F.R. §§ 1.821(f) and (g)

Sir:

I hereby state, as required by 37 C.F.R. § 1.821(f), that the information recorded in computer readable form is identical to the written sequence listing.

I hereby state that the submission, filed in accordance with 37 C.F.R. § 1.821 (g), herein does not include new matter.

Respectfully submitted,

Date: 1/14/02



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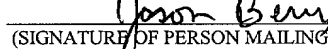
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